

**NONPROVISIONAL PATENT
APPLICATION TRANSMITTAL RULE §1.53(b)
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

12/04/00
jc803 U.S. PTO

ARENT FOX KINTNER PLOTKIN & KAHN, PLLC
1050 Connecticut Avenue, N.W.,
Suite 600
Washington, DC 20036-5339

Docket No. 101190-00010

Date: December 4, 2000

Commissioner for Patents
Washington, D.C. 20231

jc815 U.S. PTO
09/28/17
12/04/00

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): MULTI-CHANNELED LOOP HEAT TRANSFER DEVICE WITH HIGH EFFICIENCY FINS

By (Inventors): Byung-Kyu PARK, Hyo-Bong KIM, Charn-Jung KIM, Joon-Sik LEE

- ☒ 35 pages of Specification/Claims 1-17/Abstract are attached.
- ☒ Formal drawings (Fig. 1a-12d; 17 sheet(s) are attached.
- ☒ A Declaration and Power of Attorney is attached.
- ☒ An assignment of the invention to Korea Institute of Machinery & Materials is attached, along with Form PTO-1595 and a check for \$40.00.
- ☐ An Information Disclosure Statement is attached, along with Form PTO-1449, and _____ reference(s).
- ☒ A Statement to establish small entity status under 37 C.F.R. §§1.9 and 1.27 is attached.
- ☐ Please amend the specification by inserting before the first line the sentence --This nonprovisional application claims the benefit of U.S. Provisional Application No. _____, filed _____.
- ☒ Priority of foreign application No. 00-2400 filed May 4, 2000 in Korea is claimed under 35 U.S.C. §119.
- ☒ A certified copy of the above corresponding foreign application is attached.

The filing fee is calculated below and includes claim status after entry of any Preliminary Amendment noted above:

			SMALL ENTITY			LARGE ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	OR	RATE	FEE
BASIC FEE				\$ 355	OR		\$ 710
TOTAL CLAIMS	17 - 20	=	x 9 =	\$	OR	x 18	\$
INDEP CLAIMS	1 - 3	=	x 40 =	\$	OR	x 80	\$
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+135 =	\$	OR	+270	\$
			TOTAL	\$ 355	OR	TOTAL	\$

- ☐ A check for the filing fee is not enclosed at this time.
- ☒ A check in the amount of \$395 [(\$355 for the filing fee and \$40 for the Assignment Recordation Fee)] is attached. Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300. However, this application is entitled to small entity status. DO NOT charge large entity fees to our Deposit Account.

Respectfully submitted,

George E. Oram, Jr.
George E. Oram, Jr.
Registration No. 27,931

Specification/claims & drawings